

REMARKS

Claims 1 - 7 are pending in the present application, of which claim 7 has been amended. Applicant respectfully submits that no new matter has been added. It is believed that this Amendment is fully responsive to the Office Action dated August 12, 2002.

Objection to the Specification and Claims:

The specification and the claims of the application has been objected to for formatting errors. Accordingly, a substitute specification is attached herewith, double-spaced and on good quality paper as requested by the Examiner on page 2, items 1 and 4 of the outstanding Office Action.

In further accordance with the Examiner's request on page 2, item 2 of the outstanding Office Action, the specification has been checked to the extent necessary to determine the presence of all possible minor errors. Any changes to the specification are attached herewith and entitled "Marked Up Version of Substitute Verification with Markings to Show Changes Made."

Accordingly, withdrawal of the objections to the specification and claims is respectfully solicited.

The Applicant respectfully request that the substitute specification submitted herewith be approved by the Examiner.

IN THE TITLE:

The title of the invention has been objected to for being non-descriptive of the applicant's claimed invention. The applicant respectfully requests reconsideration of this objection.

As indicated above, the title of the invention has been amended, in its entirety, so as to read as follow: SEMICONDUCTOR SUBSTRATE HOLDER ROTATING APPARATUS HAVING MAGNETIC BEARINGS.

It is believed that such amended title of the invention is now descriptive of the claimed invention.

In view of the above, the applicant respectfully requests that the title of the invention, as submitted herewith, be approved by the Examiner, and that the outstanding objection to the title be withdrawn.

AS TO THE MERITS:

As to the merits of this case, the Examiner sets forth the following rejections:

claims 1 - 5 and 7 stand rejected under 35 U.S.C. §102(b) as being anticipated by **Nichols, et al.** (U.S. Patent No. 5,818,137); and

claim 6 stands rejected under 35 U.S.C. §103(a) as being unpatentable over **Nichols, et al.** in view of **Tajima, et al.** (U.S. Patent No. 5,432,644).

Both of these rejections are respectfully traversed.

The Examiner points out in the Official action that **Nichols** clearly teaches that first and second sets of windings are disposed on a single yoke plate 36. However, **Nichols** includes two yoke plates 36, 36, between which a plurality of permanent magnets, 38, 38a are disposed.

Therefore, **Nichols** utilizes two yoke plates 36, 36 on which two sets of coils 40, 42 are wound. On the other hand, the present invention comprises only one yoke plate, and thus the height of the apparatus can be reduced.

Further, **Nichols** employs the permanent magnets 38, 38a to float a wafer 14, and the coils 42 to adjust the wafer's floating position by the magnets 38, 38a. On the other hand, the present invention does not employ such permanent magnets to generate the floating force.

Accordingly, claim 1 is not described in **Nichols** and thus none of claims 2 - 5 and 7 (dependent thereon) is described therein.

Claim 6 is dependent from claim 1, and hence is not obvious from **Nichols** and **Tajima**.

In view of the aforementioned amendments and accompanying remarks, claims 1 - 7 are in condition for allowance, which action, at an early date, is requested.

AMENDMENT UNDER 37 CFR §1.111

U.S. Patent Application Serial No. 09/875,134

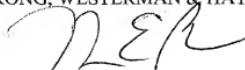
If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicants undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made."

In the event that this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 01-2340.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: Version with markings to show changes made
Substitute Specification
Substitute Specification with markings to show changes made

VERSION WITH MARKINGS TO SHOW CHANGES MADE 09/875,134

IN THE TITLE:

The Title of the Application has been changed in its entirety to read as follows:

-- SEMICONDUCTOR SUBSTRATE HOLDER ROTATING APPARATUS HAVING
MAGNETIC BEARINGS --

IN THE SPECIFICATION:

The Specification has been replaced in its entirety with the attached Substitute Specification.

All amendments to the specification are also attached and labeled "Substitute Specification with
Markings to Show Changes Made."

IN THE CLAIMS:

Claim 7 has been AMENDED to read as follows:

7. (AMENDED) An apparatus according to Claim [7] 6, wherein the α and β axes are set
to [coincidence] coincide with the X and Y of the horizontal plane motion coordinate.